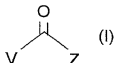


We claim:

1. A herbicidal composition comprising

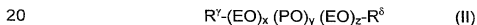
5 A) one or more compounds of the formula (I)



where V is an unsubstituted or substituted heterocyclyl radical or a radical $-\text{CR}^\alpha = \text{CR}^\beta \text{R}^{\beta 1}$, where R^α and R^β are identical or different carbon-containing $\text{C}_1\text{-C}_{40}$ radicals which together can form an unsubstituted or substituted ring, and $\text{R}^{\beta 1}$ is OH or a carbon-containing $\text{C}_1\text{-C}_{40}$ radical, and Z is an unsubstituted or substituted aryl radical, and

B) one or more surfactants comprising, as structural element, at least 10, alkylene oxide units.

2. A herbicidal composition as claimed in claim 1 comprising, as component B), one or more surfactants of the general formula (II)



where

EO denotes an ethylene oxide unit,

PO denotes a propylene oxide unit,

x denotes an integer from 1 to 50,

25 y denotes an integer from 0 to 50,

z denotes an integer from 0 to 50,

where the total $(x+y+z) \geq 10$ and ≤ 150 , and

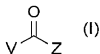
R^7 denotes OH, an unsubstituted or substituted $\text{C}_1\text{-C}_{40}$ -hydrocarboxy radical, an O-acyl radical or $\text{NR}^{\text{I}}\text{R}^{\text{II}}$ or $[\text{NR}^{\text{I}}\text{R}^{\text{II}}\text{R}^{\text{III}}]^{\oplus}\text{X}^{\ominus}$, where R^{I} , R^{II} and R^{III} are

30 identical or different and denote H or an unsubstituted or substituted $\text{C}_1\text{-C}_{30}$ -

hydrocarbon radical which can optionally be bound via a group $(EO)_w$, where w is an integer from 1 to 50, X^\ominus is an anion, and

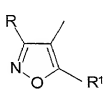
R^δ denotes H, an unsubstituted or substituted C_1 - C_{40} -hydrocarbon radical, an acyl radical or $NR'R''$ or $[NR'R''R''']^+X^\ominus$, where R' , R'' and R''' are identical or different and denote H or an unsubstituted or substituted C_1 - C_{30} -hydrocarbon radical which can optionally be bound via a group $(EO)_w$, where w is an integer from 1 to 50, X^\ominus is an anion.

3. A herbicidal composition as claimed in claim 1, comprising, as component A), a compound of the formula (I)

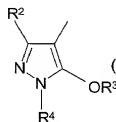


in which

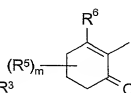
V is a radical selected from the group (V1) to (V4),



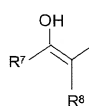
(V1)



(V2)



(V3)



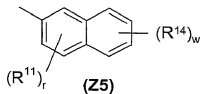
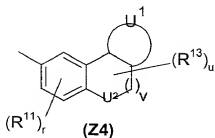
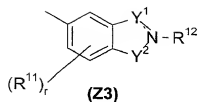
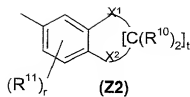
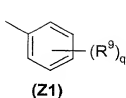
(V4)

where the symbols and indices have the following meanings:

R is hydrogen, (C_1-C_{10}) alkoxycarbonyl, (C_1-C_{10}) haloalkoxycarbonyl, (C_1-C_{10}) alkylsulfonyl, (C_1-C_{10}) alkylsulfinyl, (C_1-C_{10}) alkylthio, COOH or cyano;

R^1 is hydrogen or a (C_1-C_{10}) carbon-containing radical such as (C_1-C_{10}) alkyl, (C_2-C_{10}) alkenyl, (C_2-C_{10}) alkynyl, (C_3-C_{10}) cycloalkyl, (C_3-C_{10}) cycloalkenyl, (C_1-C_{10}) alkyl- (C_3-C_{10}) cycloalkyl, (C_3-C_{10}) halocycloalkyl, (C_1-C_{10}) alkylthio-cycloalkyl, (C_1-C_{10}) haloalkyl or (C_2-C_{10}) haloalkenyl;

- R^2 is hydrogen, (C_1-C_{10}) alkyl, (C_1-C_{10}) alkoxy, (C_1-C_{10}) haloalkyl, halogen, (C_1-C_{10}) haloalkoxy, cyano or nitro;
- R^3 is hydrogen or a (C_1-C_{10}) carbon-containing radical such as (C_1-C_{10}) alkyl, (C_2-C_{10}) alkenyl, (C_2-C_{10}) alkynyl, (C_1-C_{10}) haloalkyl, (C_1-C_{10}) alkoxy- (C_1-C_{10}) alkyl, (C_1-C_{10}) alkylcarbonyl, (C_1-C_{10}) alkylsulfonyl, (C_1-C_{10}) haloalkylsulfonyl, unsubstituted or substituted arylsulfonyl, unsubstituted or substituted arylcarbonyl- (C_1-C_{10}) alkyl or unsubstituted or substituted aryl- (C_1-C_{10}) alkyl;
- R^4 is hydrogen or a (C_1-C_{10}) carbon-containing radical such as (C_1-C_{10}) alkyl, (C_2-C_{10}) alkenyl, (C_2-C_{10}) alkynyl, (C_1-C_{10}) haloalkyl, phenyl or benzyl;
- R^5 is a (C_1-C_{12}) carbon-containing radical such as (C_1-C_{10}) alkyl, (C_1-C_{10}) alkoxy, (C_1-C_{10}) alkoxy- (C_1-C_{10}) alkyl, (C_1-C_{10}) dialkoxy- (C_1-C_{10}) alkyl, (C_1-C_{10}) alkylthio, halogen, substituted or unsubstituted aryl, tetrahydropyran-4-yl, tetrahydropyran-3-yl, tetrahydrothiopyran-3-yl, 1-methylthio-cyclopropyl, 2-ethylthio-propyl, or two radicals R^5 together are (C_2-C_{10}) alkylene;
- R^6 is hydroxyl or a (C_1-C_{10}) carbon-containing radical such as (C_1-C_{10}) alkoxy, (C_1-C_{10}) haloalkoxy, formyloxy, (C_1-C_{10}) alkylcarbonyloxy, (C_1-C_{10}) alkylsulfonyloxy, (C_1-C_{10}) alkylthio, (C_1-C_{10}) haloalkylthio, unsubstituted or substituted arylthio, unsubstituted or substituted aryloxy, (C_1-C_{10}) alkylsulfinyl or (C_1-C_{10}) alkylsulfonyl;
- R^7 is a (C_1-C_7) carbon-containing radical such as (C_1-C_4) alkyl, (C_1-C_4) haloalkyl, (C_3-C_7) cycloalkyl, (C_1-C_4) alkyl- (C_3-C_7) cycloalkyl, (C_3-C_7) halocycloalkyl;
- R^8 is a (C_1-C_4) carbon-containing radical such as cyano, (C_1-C_4) alkoxycarbonyl, (C_1-C_4) alkylcarbonyl, (C_1-C_4) alkylsulfonyl, (C_1-C_4) alkylsulfinyl, (C_1-C_4) alkylthio, (C_1-C_4) alkylaminocarbonyl, (C_1-C_4) dialkylaminocarbonyl;
- m is an integer from 0 to 6, where, if $m \geq 2$, the radicals R^5 can be identical or different from one another;
- and Z is an unsubstituted or substituted aryl radical, preferably selected from the group (Z1) to (Z5),



where the symbols and indices have the following meanings:

R^9 radicals are identical or different and are nitro, amino, halogen, OH, SF_5 or a (C_1-C_{10}) carbon-containing radical such as (C_1-C_{10}) alkyl, (C_2-C_{10}) alkenyl, (C_2-C_{10}) alkynyl, (C_1-C_{10}) haloalkyl, (C_2-C_{10}) haloalkenyl, (C_2-C_{10}) haloalkynyl, (C_1-C_{10}) haloalkoxy, (C_1-C_{10}) haloalkylthio, (C_1-C_{10}) alkoxycarbonyl, (C_1-C_{10}) alkylsulfonyl, (C_1-C_{10}) alkylsulfinyl, (C_1-C_{10}) alkylthio, arylsulfonyl, arylsulfinyl, arylthio, (C_1-C_{10}) alkoxy, (C_1-C_{10}) alkoxy- (C_1-C_{10}) alkoxy, (C_1-C_{10}) -alkylthio- (C_1-C_{10}) -alkoxy, (C_1-C_{10}) alkylcarbonyl, (C_1-C_{10}) alkylaminosulfonyl, (C_1-C_{10}) dialkylaminosulfonyl, (C_1-C_{10}) alkylcarbonyl, (C_1-C_{10}) dialkylcarbonyl, (C_1-C_{10}) alkoxy- (C_1-C_{10}) alkyl, (C_1-C_{10}) haloalkoxy- (C_1-C_{10}) alkyl, (C_1-C_4) alkoxy- (C_1-C_4) -alkoxy- (C_1-C_4) -alkoxy- (C_1-C_4) -alkyl, (C_3-C_6) -cycloalkyl- (C_1-C_4) -alkoxy, (C_3-C_6) cycloalkoxy- (C_1-C_4) -alkyl, phenoxy, cyano, alkylamino, dialkylamino, unsubstituted or substituted benzyl, unsubstituted or substituted heteroaryl, unsubstituted or substituted heterocyclyl, 2-tetrahydrofuranyl- (C_1-C_4) alkoxy- (C_1-C_4) -alkyl, unsubstituted or substituted heteroaryl- (C_1-C_{10}) alkyl or di- (C_1-C_{10}) alkylphosphono- (C_1-C_{10}) alkyl;

q is 0, 1, 2, 3, 4 or 5;

R^{10} radicals are identical or different and are hydrogen, (C_1-C_{10}) alkyl, halogen;

R^{11} radicals are identical or different and are (C_1-C_{10}) alkyl, (C_2-C_{10}) alkenyl, (C_2-C_{10}) alkynyl, halogen, (C_1-C_{10}) haloalkyl, (C_2-C_{10}) haloalkenyl, (C_2-C_{10}) haloalkynyl, (C_1-C_{10}) haloalkoxy, (C_1-C_{10}) haloalkylthio, $(C_1-$

(C₁₀)alkoxycarbonyl, (C₁-C₁₀)alkylsulfonyl, (C₁-C₁₀)haloalkylsulfonyl, (C₁-C₁₀)alkylsulfinyl, (C₁-C₁₀)haloalkylsulfinyl, (C₁-C₁₀)alkylthio, (C₁-C₁₀)alkoxy, (C₁-C₁₀)alkylcarbonyl, (C₁-C₁₀)alkylaminosulfonyl, (C₁-C₁₀)dialkylaminosulfonyl, (C₁-C₁₀)alkylcarbamoyl, (C₁-C₁₀)dialkylcarbamoyl, (C₁-C₁₀)alkoxyalkyl, phenoxy, nitro, cyano, aryl or di-(C₁-C₁₀)alkylphosphono-(C₁-C₁₀)alkyl;

X¹ is O, CR¹⁵R¹⁶, CHOH, C=O, C=NO(C₁-C₁₀)alkyl;

X² is O, S, SO, SO₂, CH₂, NH, N(C₁-C₁₀)alkyl, NSO₂(C₁-C₁₀)alkyl;

R¹⁵, R¹⁶ radicals are identical or different and are hydrogen, (C₁-C₁₀)alkyl, (C₁-C₁₀)alkoxy, (C₁-C₁₀)haloalkoxy, (C₁-C₁₀)alkylthio, (C₁-C₁₀)haloalkylthio or R¹⁵ and R¹⁶ together form one of the groups -O-(CH₂)₂-O-, -O-(CH₂)₃-O-, S-(CH₂)₂-S-, -S-(CH₂)₃-S-, -(CH₂)₄-, -(CH₂)₅-;

r is 0, 1, 2 or 3;

t is 1 or 2;

Y¹, Y² are SO₂ or CO, with the proviso that Y¹ ≠ Y²,

v is 1 or 2;

U¹ together with the carbon atoms to which it is linked forms a carbocyclic or heterocyclic ring which can be aromatic or fully or partially saturated;

U² is O, S, SO, SO₂, CH₂, NH, N(C₁-C₁₀)alkyl, NSO₂(C₁-C₁₀)alkyl;

R¹² is hydrogen, (C₁-C₁₀)alkyl, (C₃-C₁₀)-cycloalkyl, (C₂-C₁₀)alkenyl, (C₂-C₁₀)alkynyl, optionally substituted phenyl, optionally substituted benzyl, (C₁-C₁₀)-acyl;

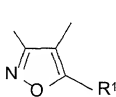
R¹³ is an unsubstituted or substituted (C₁-C₁₀) hydrocarbon radical such as (C₁-C₁₀)alkyl or aryl;

u is 0, 1 or 2;

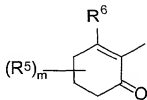
R¹⁴ radicals are identical or different and are nitro, amino, halogen, SF₅ or a (C₁-C₁₀) carbon-containing radical such as (C₁-C₁₀)alkyl, (C₂-C₁₀)alkenyl, (C₂-C₁₀)alkynyl, (C₁-C₁₀)haloalkyl, (C₂-C₁₀)haloalkenyl, (C₂-C₁₀)haloalkynyl, (C₁-C₁₀)haloalkoxy, (C₁-C₁₀)haloalkylthio, (C₁-C₁₀)alkoxycarbonyl, (C₁-C₁₀)alkylsulfonyl, (C₁-C₁₀)alkylsulfinyl, (C₁-C₁₀)alkylthio, arylsulfonyl, arylsulfinyl, arylthio, (C₁-C₁₀)alkoxy, (C₁-C₁₀)alkoxy-(C₁-C₁₀)alkoxy, (C₁-C₁₀)-alkylthio-(C₁-C₁₀)-alkoxy, (C₁-C₁₀)alkylcarbonyl, (C₁-C₁₀)alkylaminosulfonyl,

(C₁-C₁₀)dialkylaminosulfonyl, (C₁-C₁₀)alkylcarbamoyl,
 (C₁-C₁₀)dialkylcarbamoyl, (C₁-C₁₀)alkoxy-(C₁-C₁₀)alkyl, (C₁-C₁₀)haloalkoxy-
 (C₁-C₁₀)alkyl, phenoxy, cyano, alkylamino, dialkylamino, unsubstituted or
 substituted benzyl, unsubstituted or substituted heteroaryl, unsubstituted or
 substituted heterocyclidyl, unsubstituted or substituted heteroaryl-(C₁-C₁₀)alkyl
 or di-(C₁-C₁₀)alkylphosphono-(C₁-C₁₀)alkyl, and
 w is 0, 1, 2, 3 or 4.

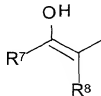
4. A herbicidal composition as claimed in claim 1, comprising, as component A),
 a compound of the formula (I) where
 V is a radical (V1), (V3) or (V4),



(V1)



(V3)



(V4)

where the symbols and indices have the following meanings:

R is hydrogen or (C₁-C₄) alkoxycarbonyl;

R¹ is (C₃-C₈)cycloalkyl or (C₁-C₄)alkyl -(C₃-C₈)cycloalkyl

R⁵ is (C₁-C₁₀)alkyl, (C₁-C₄) alkoxy or two radicals R⁵ together are (C₂-C₈)alkylene;

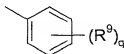
R⁶ is hydroxyl, (C₁-C₄) alkoxy or phenylthio;

R⁷ is (C₁-C₄) alkyl or (C₃-C₇) cycloalkyl,

R⁸ is C₁-C₄ (alkylcarbamoyl), (C₁-C₄) alkoxycarbonyl or cyano;

m is 0, 1 or 2;

and Z is a radical (Z1),



(Z1)

where the symbols and indices have the following meanings:

- R⁹ radicals are identical or different and are nitro, halogen, (C₁-C₁₀) haloalkyl, (C₁-C₁₀) alkylsulfonyl, (C₁-C₁₀)haloalkoxy, (C₁-C₁₀)alkoxy-(C₁-C₁₀)-alkyl, (C₁-C₁₀) haloalkoxy-(C₁-C₁₀) alkyl, (C₁-C₄)alkoxy-(C₁-C₄)-alkoxy-(C₁-C₄)-alkoxy-(C₁-C₄)-alkyl, (C₃-C₆)-cycloalkyl-(C₁-C₄)-alkoxy, (C₃-C₆)cycloalkoxy-(C₁-C₄)-alkyl, (C₁-C₁₀) alkoxy -(C₁-C₁₀) alkoxy, 2-tetrahydrofuranyl-(C₁-C₄)alkoxy-(C₁-C₄)-alkyl, or heterocyclyl, which is unsubstituted or substituted by, for example, one or more radicals selected from the group halogen, (C₁-C₁₀) alkoxy, (C₁-C₁₀)haloalkoxy, (C₁-C₁₀) alkylthio, hydroxyl, amino, nitro, carboxyl, cyano, azido,
- (C₁-C₁₀)alkoxycarbonyl, (C₁-C₁₀)alkylcarbonyl, formyl, carbamoyl, mono- and di-(C₁-C₁₀)alkylaminocarbonyl, acylamino, mono- and di-(C₁-C₁₀)alkylamino, (C₁-C₁₀)alkylsulfinyl, (C₁-C₁₀)haloalkylsulfinyl, (C₁-C₁₀)alkylsulfonyl, (C₁-C₁₀)haloalkylsulfonyl or unsubstituted or substituted (C₁-C₁₀)alkyl such as (C₁-C₁₀)haloalkyl, (C₁-C₁₀)alkoxyalkyl, (C₁-C₁₀)haloalkoxyalkyl, (C₁-C₁₀)alkylthioalkyl, (C₁-C₁₀)hydroxyalkyl, (C₁-C₁₀)aminoalkyl, (C₁-C₁₀)nitroalkyl, (C₁-C₁₀)carboxyalkyl, (C₁-C₁₀)cyanoalkyl or (C₁-C₁₀)azidoalkyl,
- q is 0, 1, 2, 3, 4 or 5, preferably 2 or 3.

5. A herbicidal composition as claimed in claim 1 comprising, as component A), a compound of the formula (I)

where the symbols and indices have the following meanings:

V is the radical (V 2);

R² is hydrogen, (C₁-C₄)-alkyl or (C₁-C₄)-alkoxy;

R³ is hydrogen or (C₁-C₄)-alkylsulfonyl;

R⁴ is methyl, ethyl or n-propyl;

Z is the radical (Z 1);

R⁹ radicals are identical or different and are nitro, halogen, (C₁-C₄)haloalkyl or (C₁-C₄)alkylsulfonyl;

q is 2 or 3.

6. A herbicidal composition as claimed in claim 1 comprising, as component A), a compound of the formula (I) where the symbols and indices have the following meanings:

V is a radical (V 1) or (V 3);

5 R is hydrogen, methoxycarbonyl or ethoxycarbonyl;

R¹ is cyclopropyl;

R⁵ is methyl;

R⁶ is hydroxyl;

m is 0, 1 or 2;

10 Z is the radical (Z 1);

R⁹ radicals are identical or different and are nitro, chlorine, fluorine, bromine, (C₁-C₄)-haloalkyl, (C₁-C₄)-alkylsulfonyl, (C₁-C₄)-haloalkoxy, (C₁-C₄)-alkoxy-(C₁-C₄)-alkyl, (C₁-C₄)-haloalkoxy-(C₁-C₄)-alkyl, 2-tetrahydrofuranyl-methoxymethyl, (C₁-C₂)-alkoxy-(C₁-C₄)-alkoxy-(C₁-C₄)-alkoxy-(C₁-C₄)-alkyl, (C₃-C₆)-cycloalkoxy-(C₁-C₂)-alkyl, (C₃-C₆)-cycloalkyl-(C₁-C₂)-alkoxy, (C₁-C₄)-alkoxy-(C₁-C₄)-alkoxy or are 4,5-dihydroisoxazol-3-yl which is substituted by a radical selected from the group consisting of cyanomethyl, ethoxymethyl and methoxymethyl,

q is 2 or 3.

7. A herbicidal composition as claimed in claim 1 comprising, as component A), a compound of the formula (I) where the symbols and indices have the following meanings:

V is the radical (V 2);

25 R² is hydrogen, methyl or ethyl;

R³ is hydrogen, methylsulfonyl or ethylsulfonyl;

R⁴ is methyl, ethyl or n-propyl;

Z is the radical (Z 1);

R⁹ radicals are identical or different and are methylsulfonyl, ethylsulfonyl,

30 chlorine, bromine, fluorine, trifluoromethyl, (C₁-C₄)-alkoxy, (C₁-C₄)-haloalkoxy or (C₁-C₄)-haloalkoxy-(C₁-C₄)-alkyl;

q is 2 or 3.

8. A herbicidal composition as claimed in claim 1, additionally comprising one or more further components selected from the group containing agrochemical active ingredients of a different type, additives conventionally used in crop protection, and formulations relating thereto.

9. A method of controlling harmful plants, wherein the herbicidal composition defined as in claim 1 is applied to the plants, plant parts, seeds of the plants or the area under cultivation pre-emergence, post-emergence or pre- and post-emergence.

10. The method as claimed in claim 9 for the selective control of harmful plants in plant crops.

11. The use of the herbicidal composition as defined in claim 1 for controlling harmful plants.

12. A process for the preparation of the herbicidal composition defined as in one or more of claims 1 to 8, wherein the compound(s) of the formula (I) is/are mixed with one or more surfactants B).

13. The process as claimed in claim 12, wherein components A) and B) are mixed with water and/or an oil by the tank mix method.